

CobotPump
ECBPi 12 24V-DC MATCH

Part no...:10.03.01.00626
<https://www.schmalz.com/10.03.01.00626>



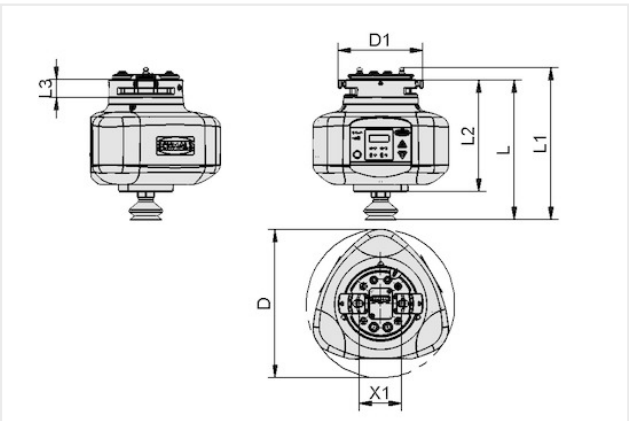
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CobotPump for electrical vacuum generation for collaborative robots



Suction rate (max.): 12 l/min
Rated power: 13 W
Voltage: 24V - DC
Rated current: 0.6 A
Max. vacuum: 750 mbar
Operating temperature: 5 ... 45 °C
Construction: Quick-change system MATCH

Design Data



Attribute	Value
D	151.50 mm
D1	86.50 mm
L	143 mm
L1	155.50 mm
L2	114 mm
L3	18 mm
X1	43 mm

Technical Data

Attribute	Value
Suction rate (max.)	12 l/min
Max. vacuum	750 mbar
Rated power	13 W
Voltage DC	24V - DC
Rated current	0.60 A
Operating temperature	5 ... 45 °C
Weight	1135 g

Accessories



SCM DIO 24V-DC MATCH

Part no...:10.08.09.00014

Inputs/outputs: digital input/output

Voltage DC: 24V - DC

Construction: Quick-change system MATCH



STATION 150x110x22 MATCH

Part no...:10.08.09.00013

Length L: 150 mm

Width B: 110 mm

Height H: 22 mm

Construction: Quick-change system MATCH



SET PXT 46 1LT ECBPi

Part no...:10.01.49.00085

Pitch diameter D mk: 46 mm

Number of main beams: 1

Use: ECBPi

Weight: 386.3 g



RMQC 50 URe DIO WB-M8-8 NPN MATCH

Part no...:10.08.09.00001

Pitch diameter D mk: 50 mm

for: Universal Robots e

Type: UR3e-16e

Inputs/outputs: digital input/output

Additional function Plant equipment: Freedrive

Electrical connection: Elb fem conn M8, 8 pol

Construction shape vacuum switch: NPN switching

Construction: Quick-change system MATCH



RMQC 50 HANWHA DIO WB-M8-8 NPN MATCH

Part no...:10.08.09.00002

Pitch diameter D mk: 50 mm

for: HANWHA

Type: HCR3/5/12

Inputs/outputs: digital input/output

Electrical connection: Elb fem conn M8, 8 pol

Construction shape vacuum switch: NPN switching

Construction: Quick-change system MATCH



RMQC 50 DOOSAN DIO WS-M8-8 PNP MATCH

Part no...:10.08.09.00003

Pitch diameter D mk: 50 mm

for: Doosan Robotics

Type: M-/H-/A- Series

Inputs/outputs: digital input/output

Additional function Plant equipment: Freedrive

Electrical connection: Elbow con M8, 8 pole

Construction shape vacuum switch: PNP switching

Construction: Quick-change system MATCH



RMQC 50 TM DIO WS-M8-8 NPN MATCH

Part no...:10.08.09.00004

Pitch diameter D mk: 50 mm

for: Techman

Type: TM5

Inputs/outputs: digital input/output

Electrical connection: Elbow con M8, 8 pole

Construction shape vacuum switch: NPN switching

Construction: Quick-change system MATCH



RMQC 50 FANUC DIO WB-M8-8 PNP MATCH

Part no...:10.08.09.00005

Pitch diameter D mk: 50 mm

for: FANUC

Type: CRX

Inputs/outputs: digital input/output

Electrical connection: Elb fem conn M8, 8 pol

Construction shape vacuum switch: PNP switching

Construction: Quick-change system MATCH



RMQC 50 UNI IOL M12-5 MATCH

Part no...:10.08.09.00006

Pitch diameter D mk: 50 mm

for: Universal

Type: ISO TK 50

Inputs/outputs: IO-Link

Electrical connection: Male connect M12, 5 pol

Construction: Quick-change system MATCH



RMQC 50 UNI IOL LED M12-5 MATCH

Part no...:10.08.09.00007

Pitch diameter D mk: 50 mm

for: Universal

Type: ISO TK 50

Inputs/outputs: IO-Link

Type: LED-Band

Electrical connection: Male connect M12, 5 pol

Construction: Quick-change system MATCH



RMQC 50 URe RS-485 WB-M8-8 MATCH

Part no...:10.08.09.00010

Pitch diameter D mk: 50 mm

for: Universal Robots e

Type: UR3-16

Inputs/outputs: RS 485

Additional function Plant equipment: Freedrive

Type: LED-Band

Electrical connection: Elb fem conn M8, 8 pol

Construction: Quick-change system MATCH



RMQC 50 ABB DIO 2xM8-3/4 PNP MATCH

Part no...:10.08.09.00016

Pitch diameter D mk: 50 mm

for: ABB Robotics

Type: ABBGoFaCRB15000

Inputs/outputs: digital input/output

Electrical connection: 2xConnect M8, 3+4 pol

Construction shape vacuum switch: PNP switching

Construction: Quick-change system MATCH



RMQC 50 ABB IOL 2xM8-3/4 MATCH

Part no...:10.08.09.00017

Pitch diameter D mk: 50 mm

for: ABB Robotics

Type: ABB GoFa

Inputs/outputs: IO-Link

Electrical connection: 2xConnect M8, 3+4 pol

Construction: Quick-change system MATCH



RMQC 50 ABB IOL LED 2xM8-3/4 MATCH

Part no...:10.08.09.00018

Pitch diameter D mk: 50 mm

for: ABB Robotics

Type: ABB GoFa

Inputs/outputs: IO-Link

Type: LED-Band

Electrical connection: 2xConnect M8, 3+4 pol

Construction: Quick-change system MATCH



RMQC 31.5 ABB IOL M12-12 MATCH

Part no...:10.08.09.00019

Pitch diameter D mk: 31.5 mm

for: ABB Robotics

Type: ABB Swifti

Inputs/outputs: IO-Link

Electrical connection: Male connect M12,12 pol

Construction: Quick-change system MATCH



RMQC 31.5 ABB IOL LED M12-12 MATCH

Part no...:10.08.09.00020

Pitch diameter D mk: 31.5 mm

for: ABB Robotics

Type: ABB Swifti

Inputs/outputs: IO-Link

Type: LED-Band

Electrical connection: Male connect M12,12 pol

Construction: Quick-change system MATCH



RMQC 31.5 ABB DIO M12-12 PNP MATCH

Part no...:10.08.09.00021

Pitch diameter D mk: 31.5 mm

for: ABB Robotics

Type: ABB IRB1100

Inputs/outputs: digital input/output

Electrical connection: Male connect M12,12 pol

Construction shape vacuum switch: PNP switching

Construction: Quick-change system MATCH



RMQC 31.5 ABB IOL M12-12 MATCH

Part no...:10.08.09.00022

Pitch diameter D mk: 31.5 mm

for: ABB Robotics

Type: ABB IRB1100

Inputs/outputs: IO-Link

Electrical connection: Male connect M12,12 pol

Construction: Quick-change system MATCH

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RMQC 31.5 ABB IOL LED M12-12 MATCH

Part no...:10.08.09.00023

Pitch diameter D mk: 31.5 mm

for: ABB Robotics

Type: ABB IRB1100

Inputs/outputs: IO-Link

Type: LED-Band

Electrical connection: Male connect M12,12 pol

Construction: Quick-change system MATCH



RFBP 50 50 BA SPB2

Part no...:10.01.45.00096

Length L: 50 mm

Width B: 50 mm

Connection: Bayonet connection

Suct. cups: Bellows suct. cup SPB2



RFBP 100 58 BA SPB2

Part no...:10.01.45.00091

Length L: 100 mm

Width B: 58 mm

Connection: Bayonet connection

Suct. cups: Bellows suct. cup SPB2

Contact Schmalz

Schmalz S.r.l. a Socio Unico | Via Ticino 105, 28066 Galliate (NO), Italy | +39 0321 62 15 10 | schmalz@schmalz.it



RFBP 100 58 BA O10

Part no...:10.01.45.00092

Length L: 100 mm

Width B: 58 mm

Connection: Bayonet connection

Material type: Foam O, Height 10 mm



RFBP 120 120 BA SPB2

Part no...:10.01.45.00085

Length L: 120 mm

Width B: 120 mm

Connection: Bayonet connection

Suct. cups: Bellows suct. cup SPB2



RFBP 120 120 BA O10

Part no...:10.01.45.00086

Length L: 120 mm

Width B: 120 mm

Connection: Bayonet connection

Material type: Foam O, Height 10 mm

Product recommendations

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ECBPMi 24V-DC MATCH

Part no...:10.03.01.00661

Suction rate (max.): 1.6 l/min

Rated power: 7.2 W

Voltage: 24V - DC

Rated current: 0.3 A

Operating temperature: 0 ... 40 °C

Construction: Quick-change system MATCH

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